ERRATA

Page 8, line 10 of the last paragraph:

- "thus an $O(n+k)$ time algorithm is obtained"
  SHOULD BE:
  "thus an $O(n \log n + k)$ time algorithm is obtained"

Page 72, Case 4, the item (3):

- "The graph G_T^2 has $5(t-2)+3$ vertices, and (...)"
  SHOULD BE:
  "The graph G_T^2 has $5(t-1)+1$ vertices, and (...)"

Page 102, in the first paragraph:

- "This so-called red-blue line intersection problem can be solved in $O(n+k)$ time, as the grid is connected [27], where k is the number of intersections."
  SHOULD BE:
  "This so-called red-blue line intersection problem can be solved in $O(n \log n + k)$ time [MS2001], where k is the number of intersections."
  [MS2001] A. Mantler, J. Snoeyink: Intersecting red and blue line segments in optimal time and precision. *Lecture Notes in Computer Science* 2098, 244-251 (2001).

- THEOREM 6.3 ([69]). *The problem of determining the minimum number of cooperative guards sufficient to guard an n-segment grid, $n \geq 2$, can be solved in $O(n+k)$ time and space, where k is the number of crossings in the grid.*
  SHOULD BE:
  THEOREM 6.3 ([69]). *The problem of determining the minimum number of cooperative guards sufficient to guard an n-segment grid, $n \geq 2$, can be solved in $O(n \log n + k)$ time and $O(n+k)$ space, where k is the number of crossings in the grid.*

Page 107, Theorem 6.12:

- Wrong citation/contribution: [69] → [24,33]
  SHOULD BE:
  THEOREM 6.12 [24,33]. *The 3DM problem in subcubic planar graphs is* NP*-complete.*

Page 127, the second row of Table 7.3:

- $O(n+m)$ » **SHOULD BE** » $O(n \log n + m)$

Nov 18, 2013 *Paweł Żyliński*